

PATENT CLAIMS

We Claim:

Claim 1. A ski comprising:

5 a sliding layer (1) and longitudinal ski edges (2', 2'') on the ski's bottom surface
faced towards the ground, while above the sliding layer (1) there is a core (3), and
above the core (3) there is a covering layer (4) extending over the top surface (5)
and over the side surfaces (6', 6'') of the ski, such that top edges (7', 7'') are located
between the top surface (5) and the side surfaces (6', 6''), characterized in that at
10 least in the area of exposure to wearing or mechanical damages on the top surface
(5) of the ski and the top edges (7', 7''), at least on the forward portion between the
tip and the ski binding area, as well as on the rearward portion, below the covering
layer (4) in the area of each corresponding top edge (7', 7'') or at least in its
adjacency, at least one reinforcing profile (8', 8'') extending in the longitudinal
15 direction of the ski along at least a portion of the top edge (7', 7'') said ski being
resistant to wear and mechanical damage resulting from coming into contact with
ski edges (2', 3'') of another ski.

Claim 2. Ski according to Claim 1, wherein the outward surface (80', 80'') of each
20 reinforcing profile (8', 8'') is inclined, and the covering layer (4) is interrupted in
the area of the top edges (7', 7'') of the ski.

Claim 3. Ski according to Claim 1, wherein the outward surface (80', 80") of each reinforcing profile (8', 8") is rounded, and the covering layer (4) is interrupted in the area of the top edges (7', 7") of the ski.

5 Claim 4. Ski according to Claim 2, wherein the outward surface (80', 80") of each reinforcing profile (8', 8") in form of an ordinary ski edge is inclined, and the covering layer (4) is interrupted in the area of the top edges (7', 7") of the ski.

Claim 5. Ski according to Claim 3, wherein the outward surface (80', 80") of each
10 reinforcing profile (8', 8") in form of an ordinary ski edge is rounded, and the covering layer (4) is interrupted in the area of the top edges (7', 7") of the ski.

Claim 6. Ski according to Claim 1, wherein the reinforcing profile (8', 8") is a U-profile, comprising substantially parallel flanges (82, 83) as well as of a web (81)
15 the outward surface of which is rounded at least on the upper side thereof.

Claim 7. Ski according to Claim 6, wherein the covering layer (4) is furnished with one reinforcing profile (8', 8") in the area of each of its longitudinal edges (40', 40") by means of inserting thereof between the flanges (82, 83) of each
20 corresponding reinforcing profile (8', 8").

Claim 8. Ski according to Claim 6, wherein each reinforcing profile (8', 8") is inserted by means of its flange (83) into a recess (90', 90"), located between each corresponding side covering layer (9', 9") extending along the side surface (6', 6") of the ski, and the top covering layer (4), while the top flange (82) is placed above
5 the top covering layer (4).

Claim 9. Ski according to Claim 1, wherein the covering layer (4) is located below the highest surface of the reinforcing profiles (8', 8").

10 Claim 10. Ski according to Claim 1, wherein the covering layer (4) is concave in the area of the top surface (5) of the ski.